## Best Available Copy

| POSITION                  | INITIALS                                | ID NO. | DATE    |  |  |  |  |  |
|---------------------------|---|--------|---------|--|--|--|--|--|
| FEE DETERMINATION         | Haile                                   |        | 07-16-0 |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 8      | 7250    |  |  |  |  |  |
| FORMALITY REVIEW          | BZ                                      | 897    | 08-23-0 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | Mo                                      | 179.00 | 10/25/1 |  |  |  |  |  |

## INDEX OF CLAIMS

| V | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
|   | Allowed                    | Ι., | Interference |
|   | (Through numeral) Canceled |     | Appeal       |
| , | Restricted                 | 0   | Objected     |

| Claim Date .     |                   |  |  | $\overline{}$ | Cia                 | laim Date       |            |          |                 |         |          |        | Cla  | im               | Date          |                   |     |          |            |                  |          |          |          |   |         |         |   |
|------------------|-------------------|--|--|---------------|---------------------|-----------------|------------|----------|-----------------|---------|----------|--------|--|------------------|---------------|-------------------|-----|----------|------------|------------------|----------|----------|----------|---|---------|---------|---|
|                  |                   | 11   |  | $\Box$        |                     | 77              |            | 10       | T               | T       | T        | Γ      |  | T                | 1             | 1                 |     |          | - E        | 1                |          |          | - [      | j   |         |         |   |
| ا <del>ر</del> ة | Original Conginer | عا<br>ال   |  |               |                     | 11              | Final      | Original | 1               | 1       | }        | }      | 1  |                  | ļ             | 1                 | }   | Final    | Original   |                  | 1        | l        | - 1      | -   |         | }       | Į |
| Final            | 8 5 60            | الم  | } }  |               |                     |                 | ίŢ         | ō        |                 | _1_     | 1.       |        |  |                  |               | 1                 | ]   | ΙĒ       | ŏ          | 1                |          |          | _        |   | 4       | L       | _ |
| 7                | 377               | V  |  |               |                     |                 |            | 51       | $\neg$          | T       | T        |        |  |                  |               |                   | ]   |          | 101        | 1.               |          |          |          |   | $\perp$ | L       | _ |
| 7                | 2 11              | 1  |  |               | $\Box$              | $\forall$       |            | 52       | $\neg$          | T       | T        |        | П  |                  | $\neg$        | 7                 | 7   |          | 102        | -                |          |          |          |   | 1       |         |   |
| 7                | 3 11 11           | ₩  | -  | 1             |                     | +               |            | 53       | _               | 7       | 1        | 1      |  |                  | $\neg$        | $\neg$            | 1   |          | 103        | $\top$           |          |          | T        | П   | T       | 7.      | _ |
| 4                | 4                 | ₩  | <del>   </del>                                   | +             | $\vdash$            | -+              | -          | 54       | -+              | +       | ╈        | ┪      | H  | 7                | 7             | -                 | 1   |          | 104        | +-               |          |          | 7        | +   | ✝       | 1       | - |
| ┪                | 5                 | ₩  | $\vdash$   | +-            | $\vdash$            | +-1             | -          | 55       | -+              | +       | +-       | +      | Н  | -                | 7             | +                 | 1   | $\vdash$ | 105        | 1-               |          |          | 7        | $\neg$  | $\neg$  | 1       | _ |
| ┪                | 6                 | ₩  | ┝╌┼╴   | +-            | ╁╌┼                 |                 | -          | 56       | -               | ┰       | +-       | ╁╴     | Н  | -                | ┪             | _                 | 1   |          | 106        | +-               | -        |          | 寸        | $\neg$  | $\top$  | ┪       | - |
| $\dashv$         | 7 11              | ₩  | <del>-</del>                                     | +-            | -+                  | $\dashv \dashv$ | -          | 57       | +               | +       | +        | ┿      | Н  | 寸                | ┪             | -                 | 1   | 1        | 107        | +-               | -        |          | _        | 7   | ╅       | ✝       | _ |
| -,               |                   | ₩  | <del></del>                                      | +             | -                   |                 | -          | 58       |                 | +       |          | 1      | Н  | -                | -1            |                   | 1   | $\vdash$ | 108        | +-               | $\vdash$ |          | -+       | -   | +       | +-      | - |
| 4                | 8                 | ₩  | ┝╌┼╌   | +-            |                     | +-              | <b> </b> - |          |                 | +       | +-       | ┰      | -1   | -                | $\dashv$      | +                 | 1   | -        | 109        | +-               | -        | $\vdash$ | -        | -+  | +       | +       | - |
| _                | 9                 | Щ.   | <del>-</del>                                     | <del> </del>  |                     |                 | -          | 59       | }-              | +       | +-       | +-     | Н  |                  | -             |                   | 4   | -        | 110        |                  | -        | Н        | -+       |   | +-      | +       | - |
| إ                | 10                | 11   | <del>                                     </del> | -             | 1-1                 |                 | -          | 60       | -               | 4       | 4        | ╀      | H  |                  |               | -                 | -   | $\vdash$ | _          | +                | -        |          | -+       | -   | +-      | +       | - |
|                  | 11                | 11   | L  |               | $\sqcup$            | 4               |            | 61       | 4               | 4       | 4-       | ╄      | Ш  |                  |               | -                 | 1   | _        | 111        | +                | Į        | -        |          | +   | +       | +       | _ |
|                  | 12                | 1  |  | 1_            | Ш                   |                 | _          | 62       | 1               | 4       | 1        | ₽      |  |                  |               |                   | -   | $\perp$  | 112        | -                |          |          |          | +   |         | 4       |   |
|                  | 13                | //   |  | L             |                     | $\perp$         | _          | 63       | _               | 1       | 1        | ـــ    | Ш  | $\sqcup$         | _             |                   | 4   |          | 113        | 4_               | <b> </b> | $\sqcup$ |          | -   | +       | 4       | _ |
|                  |                   | Γ  |  |               |                     |                 |            | 64       |                 | $\perp$ | _        | L      | Ш  |                  | _             |                   | 1   |          | 114        | 1                |          |          |          | 4   | $\bot$  | $\perp$ | _ |
| ٦                | 15 // /           |  | 仃  |               | $\Box \top$         |                 |            | 65       | $\Box$          | ╝       |          |        |  |                  |               |                   | 1   |          | 115        | _                |          |          |          | 4   |         | 1       | _ |
| ₹                | 16 7 7            | 1  |  | 1             |                     |                 |            | 66       |                 |         | $\Gamma$ |        |  |                  |               | $\bot \mathbb{I}$ | 1   |          | 116        |                  | آسل      |          |          | ╝   | $\perp$ | L       | _ |
|                  | 17 N N N          | 집  | $\sqcap$   | $\top$        | $\sqcap$            | 77              |            | 67       | $\Box$          | 7       | T        | Г      |  | П                |               | T                 | 7   |          | 117        | $\mathbb{I}^{-}$ |          | ĽΠ       |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$    | $\int$  | Ĺ       | _ |
|                  | 18                | な  |  | _             |                     | $\dashv \dashv$ |            | 68       |                 | 7       | Т        | T      | ·  | T                |               | $\top$            | 7   |          | 118        | T                |          |          |          | П   | Т       | Т.      |   |
| ⊣                | 19 7              | Ηř   |  | 1-            | -                   |                 |            | 69       |                 | 十       | +        | +      | _  |                  |               | _                 | 1   |          | 119        | 1                |          |          | ٦        | 丁   | 7       | Τ       |   |
| -                |                   | 1  | 1  | ┰             | $\vdash$            |                 | -          | 70       | 1               | 十       | 1        | ┿      | Н  | $\dashv$         | -1            | -1-               | 1   |          | 120        | $\top$           |          | Н        | _        | 1   | 1       | 1       | _ |
| _                | 20 10 1           | 1  | <b>}</b> }-                                      | +-            |                     | +-              | -          | 71       | $\vdash$        | +       | +        | ┼-     | H  |                  |               | -+-               | -   | -        | 121        | +-               | ┢        | Н        | +        | -+  | +-      | +       | - |
| 1                | 21 V P R          | 卫  | <b>/</b> -                                       | -             | 1                   |                 | -          |          | 1               |         | +        | ┼-     | Н  |                  |               |                   | j   | -        | 122        | ┪                | ┝        | $\vdash$ | -        | +   | +       | +-      | - |
| _                | 22 ///            | 14   | 1  | ↓_            | $\vdash \downarrow$ | 44              | <u> </u>   | 72       | 1               | +       | +        | +-     | -  |                  |               |                   | -   |          | 123        | +                | ├        | Н        |          | -}  | +       | +-      | _ |
| 4                | 23 🗸              | 44   | <b>├</b> -                                       | 4_            | $\sqcup$            | 44              | _          | 73       | -               | 4       | 4        | ╀-     | H  | $\dashv$         |               |                   | Į.  | <u> </u> |            | ┿                | <b>!</b> | $\vdash$ | -        | +   | +       | -       | - |
|                  | 24                | 4  |  | _             | $\sqcup$            | 44              | _          | 74       | 1               | 4       | ┵        | ↓_     | Ш  | $\sqcup$         |               |                   | 4   | -        | 124        | —                | Ļ.,      | Щ        | -4       | -   | +       | +-      | _ |
|                  | 25                | Ш  |  | 1_            |                     |                 | <u> </u>   | 75       | $\perp$         | _       | 4        | ↓_     | _  |                  | _             | 4                 | 4   | -        | 125        | -                | L        | Ы        | 4        | }-  | +       | 4       | _ |
|                  | 26                | Ш  |  |               |                     |                 | L          | 76       | $\Box$          | $\perp$ | 1        | 1      |  |                  | _             |                   | 1   |          | 126        | -                | <u>_</u> | Ш        | _        | _   | 4       | 4       | _ |
|                  | 27                | Ш  |  |               |                     |                 | L          | 77       |                 | ┸       | 1        | 1      | L  |                  | _             |                   | 1   |          | 127        |                  | _        | Ш        | $\sqcup$ | _   | 4       | 1       |   |
|                  | 28                | П  | П  | Т             | П                   | $\top$          |            | 78       |                 |         | Τ.       |        |  |                  |               | <u> </u>          | ]   |          | 128        |                  | _        |          |          | _   | ┸       | 1       | _ |
|                  | 29                | 11   |  | 7             | П                   | $\neg \neg$     |            | 79       | П               | T       | Т        | T      | Γ,   | П                |               |                   | 7   |          | 129        | L                |          |          |          |   | 1       |         |   |
| _                | 30                | π  |  | 1             | $\Box$              | 77              |            | 80       |                 | T       | $\top$   | T      | Г  | П                |               |                   | 7   |          | 130        |                  | Γ        |          | П        | . 7   | 7       | T       |   |
| П                | 31                | 11   | 1-1-   | $\top$        | 1                   | $\dashv$        |            | 81       | T               | 十       | 7        | 1      | _  | П                | $\overline{}$ | $\neg$            | ٦   |          | 131        | 1                | 1        |          |          | $\neg$  | $\top$  | Т       |   |
| Н                | 32                | 11   | <del>   </del>                                   | +-            | $\vdash$            |                 |            | 82       | $\top$          | _       | +        | 1      | _  | М                | $\dashv$      | $\neg \vdash$     | 1   |          | 132        | T                | 1        | П        | $\neg$   | 7   | 7       | T       | - |
| -                | 33                | <del>                                     </del> | +-   | +             | +-+                 | +               | -          | 83       | $\vdash$        | +       | +        | +-     |  | $\vdash$         | 7             | $\dashv$          | 1   |          | 133        | +                | 1        | М        | $\neg$   | _   | +       | T       |   |
| -                | 34                | ╟┪   | +  | +             | +-+                 | +               | <b> </b>   | 84       | $\vdash \vdash$ | +       | +        | 1-     | <del>                                     </del> | <del>   </del>   | -             |                   | 1   | 1        | 134        | +                | 1-       | Н        | -        | +   | +       | 1       | - |
| -                | 35                | ╟┪   | $\vdash$   | +             | ++                  | +-1             | -          | 85       | -               | +       | +-       | +-     | -  | $\vdash$         |               |                   | 1   | -        | 135        | +                | 1-       | $\vdash$ | -        | $\dashv$  | 十       | +       | - |
| 4                | 36                | ╫╃   | ┼-┼-   | +             | ╆┼                  |                 | -          | 86       | -+              | +       | +-       | +      | -  | <del>  -  </del> |               |                   | 1   | -        | 136        | +-               | 1        | $\vdash$ | -        | -   | +       | +       | - |
| 4                |                   | ╁╁   | ₩  | +             | <del> </del> }      |                 | -          | 87       | +               | +       | +-       | +-     | -  | $\vdash$         | $\dashv$      |                   | 4   | -        | 137        | +-               | ╁        | $\vdash$ | -        | +   | +       | +-      | - |
| 4                | 37                | 11   | <del>} - }</del>                                 | +-            | ╁┼                  |                 | -          | 88       | ┝┼              | +       | +        | ╀      | -  | $\vdash$         | $\dashv$      | -+-               | 4   | -        | 138        | +                | +        | $\vdash$ | -        | +   | +       | +-      | - |
| 4                | 39                | $\mathcal{H}$                                    | $\vdash$   | +             | $\vdash$            | 44              | -          | 1        |                 | +       | +        | +-     | -  | $\vdash \dashv$  | 4             |                   | ┨   | -        |            | +-               | $\vdash$ | -        | -        | +   | ╫       | ┿       | - |
|                  |                   | 41   | $\vdash$   | 4-            | H                   |                 | -          | 89       | $\vdash$        | +       | +-       | +-     | -  | ├                | -             |                   | 4   | -        | 139        | +-               | -        | $\vdash$ | $\vdash$ | -+  | ┵       | +       | - |
| P                | 40                | 11   |  | 1             | Ш                   | $\perp$         | <u> </u>   | 90       | Ш               | 4       | 4        | 1_     |  | Ш                | _             |                   | 1   | $\perp$  | 140        | +-               | <b>_</b> | $\vdash$ | -1       | 4   |         | +       | _ |
| 3                | 41                | $\prod$  |  |               |                     |                 | Ĺ_         | 91       | Ш               | $\perp$ | L        | 1_     |  |                  |               |                   | _   |          | 141        | 1                | L        |          |          | $\perp$   | 1       | $\perp$ | _ |
| ۲                | 42                | T  | $\sqcap$   | Τ.            | $\Box$              | $\Box$          |            | 92       |                 | Т       | T        | Г      |  |                  |               |                   | ]   |          | 142        | L                | L        |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         | Ĺ       | _ |
|                  | 43                | 71   | $\sqcap$   | 1             | П                   | 1.1             |            | 93       | $\sqcap$        | 7       | 7        | 1      |  |                  |               |                   | 7   |          | 143        | I                | $\Gamma$ |          |          | $\mathbb{I}$                                      |         | $\perp$ | _ |
| ┪                | 44                | #  | ++   | <del> -</del> | 1.1                 | -               |            | 94       | $\vdash$        | 7       | _        | $\top$ |  | $\Box$           | T             |                   | 7   |          | 144        | T                | Γ        |          | $\Box$   | 丁   | 7       | T       |   |
| -                | 45                | #  | <del>                                     </del> | +             | -                   |                 | -          | 95       | -+              | 十       | +-       | +-     |  | $\dashv$         | $\dashv$      | +                 | 1   |          | 145        | +                | 1        | М        | 7        | 7   | +       | T       |   |
| ᅱ                | 46                | ╫  | <del>                                     </del> | +             | -                   |                 | $\vdash$   | 96       | +               | +       | +-       | +      | -  | H                | $\dashv$      | +                 | 1.  |          | 146        | +                |          | Н        | -        | +   | 十       | +       |   |
| -                | 47                | ₩  | <del>   </del>                                   | +-            | ┼╌┼                 |                 | -          | 97       | +               | +       | +-       | +-     | -  | ⊢                | -             | -                 | Η ΄ | -        | 147        | +-               |          | Н        | -+       | +   | +       | +       | - |
| _                | 48                | ₩  | <b>/</b>  -                                      | +-            | ↤                   |                 | -          | 88       | +               | +       | +        | +-     | -  | ┝╼┥              | -             | +                 | 1   | $\vdash$ |            | +-               | +        | $\vdash$ |          | +   |         | +       | - |
| =                |                   | ٦v   | <del>[                                    </del> | +-            | $\vdash \downarrow$ |                 | -          | 88       | +               | +       | +        | +      | -  | ⊢⊢               | $\dashv$      | -                 | 4   | -        | 148        | ┿                | -        | $\vdash$ |          | +   | +-      | +       | - |
| ]                | 49<br>50          |  | <u> </u>   | 1             | $\perp \perp$       | لل              | 1          | 100      | -               |         |          | ١      | L  | <b></b>          |               | 4-                | ٦   |          | 149<br>150 | -                | ₩.       | Щ        | -        | -+  |         | +-      | _ |

If more than 150 claims or 10 actions staple additional sheet here

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10-36-01